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15M2/0919

HOFFMAN, WASSON & GITLER CULTE 522 2361 JEFFERSON DAVIS HIGHWAY ARLINGTON. VA 22202

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

SERIES CODE/SERIAL NO. F		FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT			DATE MAILED
		<u> </u>	4 017	LEF E		1110	09/19/9
First Name Applicant	a SCHULZ	HARRES	Tite	ROEN			
TITLE OF NVENTION		UBSTRATE AN			OPUCTION		
	ATTY'S DOCKET N	IO. CLASS-SUBCL	ASS BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE

THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY Status shown above.
 If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
 - B. If the Status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.
- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.
- III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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SERIAL NUMBER FILING DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NO. 08/253,855 + 06/03/94 SCHULZ-HARDER A4908 EXAMINER 15M2/0919 HOFFMAN, WASSON & GITLER PAPER NUMBER ART UNIT SUITE 522 2361 JEFFERSON DAVIS HIGHWAY ARLINGTON, VA 22202 1513 DATE MAILED: NOTICE OF ALLOWABILITY 1. D, This communication is responsive to amendment All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due 2, 45, 8-9, 11-14, 16-17, 25436; reprectively renumbered 1-17 42 3.

✓ The allowed claims are 43 -45 4. The drawings filed on ___ 5. Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has 1 been received. [_] not been received. [...] been filed in parent application Serial No. ___ 6. $\mbox{\ensuremath{\not\stackrel{\mbox{\sc f}}{\sc}}}$ Note the attached Examiner's Amendment. 7. Note the attached Examiner Interview Summary Record, PTOL-413. 8. W Note the attached Examiner's Statement of Reasons for Allowance. 9.

Note the attached NOTICE OF REFERENCES CITED, PTO-892. 10.

Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449. PART II. A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1, 136(a). 1. 🔲 Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 2.

APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER. a.

Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. .. CORRECTION IS REQUIRED. b. \square The proposed drawing correction filed on ... has been approved by the examiner. CORRECTION IS REQUIRED. c. \Box Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED. d.

Formal drawings are now REQUIRED. Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE

AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

- _ Examiner's Amendment
- _ Examiner Interview Summary Record. PTOL- 413
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- ... Notice of Informal Application, PTO-152
- _ Notice re Patent Drawings, PTO-948
- _ Listing of Bonded Draftsmen

Art Unit: 1513

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Atty: Douglas Robinson on Sept 8th 1995.

- 2. The application has been amended as follows: Claims 18-23, and 37-41 have been cancelled.
- 3. The following is an Examiner's Statement of Reasons for Allowance: there is no teaching in the prior art directed to a multiple substrate that has an additional metal coated margin as claimed by the applicant.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Claims 43-45, 42, 2, 4-5, 8-9, 11-14, 16-17, 25, and 36; respectively renumbered 1-17 are allowable over the prior art of record.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cathy Lee whose telephone number is (703) 308-2418.

cc: kfl; September 8, 1995 PATRICK I RYAN SEFERMISORY PATENT EXAMINER REPORT 191